

APH: **675.3** CDL: **5.648**

GPH: **749.5** CertNo: **23/1**

#### BOAT

Class **Rivetto**  
Designer **Fontana/Maletto/Na**  
Builder **Negri Nautica**  
Age date **06/1981**  
Series date **01/1978**  
Offset file **RIVETTO+.off**  
Data file **19497**

#### HULL

Length Overall **7.511 m**  
Maximum Beam **2.516 m**  
Draft **1.352 m**  
Displacement **939 kg**  
DLR **6.6512**  
IMS Division **Sportboat**  
Dynamic Allowance **0.000%**  
Age Allowance **0.487%**

#### PROPELLER

Installation **No Propeller**  
Type **N/A**  
Diameter **N/A**

#### CREW

Maximum weight **280 kg**  
Minimum weight **195 kg** \* when applied  
Non Manual Power **No**  
Crew Arm Extension **-0.20 m**

#### SAIL AREAS (m<sup>2</sup>)

	Measured	Rated
Mainsail	<b>15.37</b>	<b>15.75</b>
Headsail Luffed	<b>12.25</b>	<b>12.25</b>
Headsail Flying		
Symmetric	<b>28.94</b>	<b>28.94</b>
Asymmetric		

#### STORM SAIL AREAS (m<sup>2</sup>)

Trysail **4.48**  
Storm Jib **2.55**  
Heavy Weather Jib **6.87**

#### SAIL LIMITS

Headsails **5**  
Spinnakers **4**

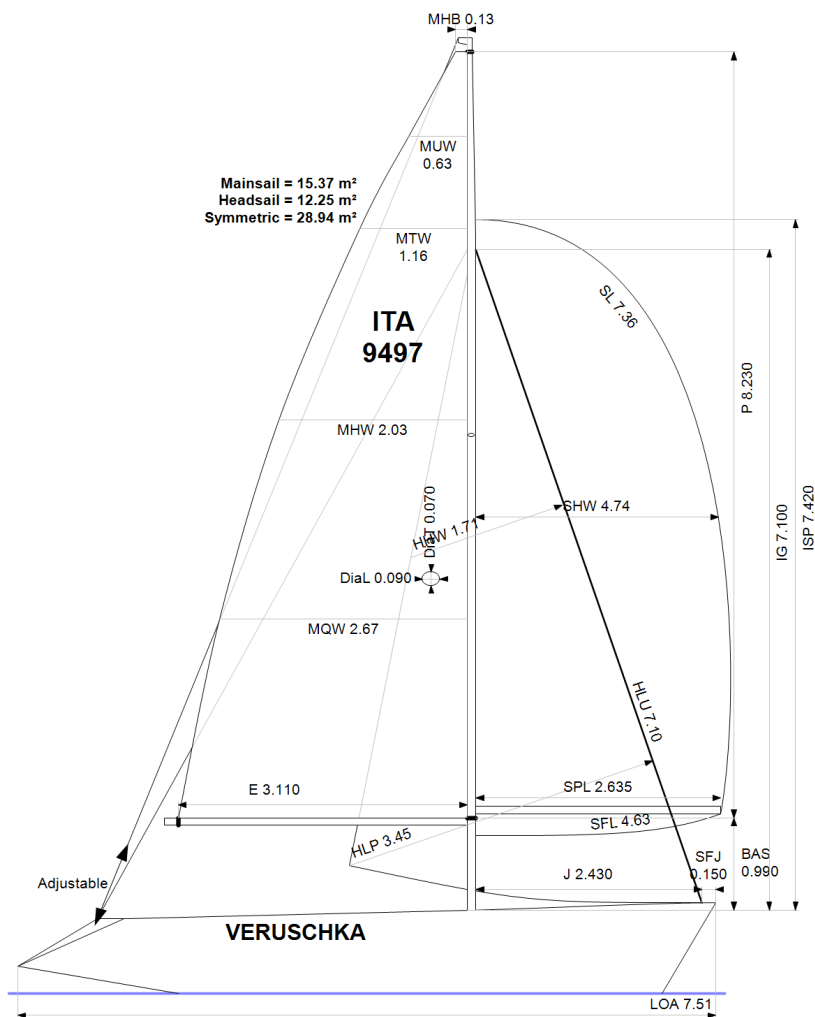
#### STABILITY

Righting Moment **N/A**  
Stability Index **N/A**

#### COMMENTS

outboard Honda 2 hp 13 kg @4.4 m - ballast 58 kg @1.25 m

*The owner and any other person in charge is responsible that boat is complying with her certificate in accordance with RRS 78.1 and ORC Rule 304.*



#### Rated boat velocities in knots

Wind Velocity	6 kt	8 kt	10 kt	12 kt	14 kt	16 kt	20 kt
Beat Angles	42.6°	40.2°	38.8°	39.0°	39.6°	40.2°	42.4°
Beat VMG	3.09	3.66	3.94	4.01	4.01	4.00	3.88
52°	4.65	5.30	5.58	5.70	5.75	5.77	5.74
60°	4.85	5.45	5.73	5.87	5.94	5.99	6.00
75°	4.96	5.55	5.86	6.08	6.23	6.32	6.41
90°	4.88	5.60	5.96	6.17	6.41	6.60	6.84
110°	4.87	5.63	6.07	6.44	6.76	7.03	7.47
120°	4.71	5.52	5.98	6.39	6.79	7.21	8.25
135°	4.21	5.09	5.72	6.12	6.52	6.96	8.51
150°	3.55	4.50	5.27	5.79	6.16	6.54	7.50
Run VMG	3.08	3.91	4.62	5.25	5.72	6.08	6.80
Gybe Angles	147.8°	152.3°	158.2°	170.0°	178.1°	179.0°	178.4°



Club  
Certificate  
2023

Boat  
**VERUSCHKA**  
ITA-9497

FEDERAZIONE ITALIANA VELA  
Distr.:UVAI www.uvai.it  
Tel. + 39068841273  
E-mail segreteria@uvai.it



Time Allowances in secs/NM							
Wind Velocity	6 kt	8 kt	10 kt	12 kt	14 kt	16 kt	20 kt
Beat VMG	1163.3	983.6	913.6	898.2	897.0	900.6	928.9
52°	773.4	679.5	644.7	631.5	626.3	623.8	626.8
60°	741.7	660.6	628.8	612.9	605.7	601.5	599.8
75°	726.0	648.4	613.9	592.1	577.8	569.6	561.4
90°	737.8	643.1	603.7	583.4	561.7	545.2	526.4
110°	739.2	639.0	592.9	558.8	532.8	511.8	482.2
120°	765.1	652.2	601.5	563.7	530.5	499.5	436.2
135°	855.2	706.9	629.5	588.7	552.6	517.1	423.2
150°	1013.9	799.2	682.6	621.5	584.4	550.7	480.2
Run VMG	1170.7	921.2	779.6	685.7	629.2	592.4	529.8
Selected Courses							
Windward / Leeward	1167.0	952.4	846.6	792.0	763.1	746.5	729.3
All purpose	902.9	759.0	691.5	657.0	635.7	619.6	595.3

Single Number Scoring Options		
Course	Time On Distance	Time On Time
Windward / Leeward	824.2	0.7279
All purpose	675.3	0.8885

Data in meters/kilograms (Metric)

**HULL AND APPENDAGES (Lightship Trim)**

Class	<b>Rivetto</b>	LOA	<b>7.511</b>	VCGD	<b>0.222</b>
Measurement	<b>01/06/1981</b>	Max. Beam	<b>2.516</b>	VCGM	<b>0.193</b>
HIN		Draft	<b>1.352</b>	RM Rated (kg·m)	<b>14.5</b>
Plan review		Displacement	<b>939</b>	Limit of positive stability(°)	<b>N/A</b>
Hull construction	<b>Solid</b>	Wetted area	<b>8.64</b>	Stability Index	<b>N/A</b>
Carbon Rudder	<b>No</b>	IMS L	<b>5.767</b>		
Light stanchions	<b>No</b>	LSM0	<b>5.206</b>		
Trim tab	<b>No</b>	Acc. length	<b>7.511</b>		
		Sink (kg/mm)	<b>6.56</b>		

**PROPELLER**

Propeller Type	<b>No Propeller</b>
Hydro generator	<b>No</b> PIPA <b>0.0000</b>

**RIG**

Forestay tension	<b>Aft</b>	P	<b>8.230</b>	E	<b>3.110</b>
Inner stay	<b>None Fitted</b>	IG	<b>7.100</b>	J	<b>2.430</b>
Carbon mast	<b>No</b>	ISP	<b>7.420</b>	BAS	<b>0.990</b>
Headsail furler	<b>No</b>	MDT1	<b>0.070</b>	FSD	<b>0.025</b>
Mainsail furler	<b>No</b>	MDL1	<b>0.090</b>	SFJ	<b>0.150</b>
Articulated bowsprit	<b>No</b>	MDT2	<b>0.055</b>	SPL	<b>2.635</b>
Non-circular rigging	<b>No</b>	MDL2	<b>0.050</b>	WPL	
Fiber rigging	<b>No</b>	TL	<b>2.000</b>	TPS	
Runners/Checkstays	<b>1</b>	MW	<b>0.090</b>	BD	<b>0.080</b>
Spreaders	<b>1</b>	GO	<b>0.100</b>	MWT	<b>29.00</b>
Rotating mast	<b>No</b>			MCG	<b>2.780</b>

**FLOTATION AND STABILITY**

Calculation method	<b>VCG entered directly</b>	SFFP	<b>0.349</b>	SAFP	<b>6.365</b>
VCG entered	<b>0.222</b>	FFM		FAM	
Flotation Date	<b>09/03/2019</b>	FF	<b>0.969</b>	FA	<b>0.752</b>
Measurer	<b>FIV-85</b>	LCFcl	<b>3.557</b>	LCFsh	<b>3.767</b>
Comment		SG	<b>1.0000</b>	HBI	<b>0.896</b>

**INVENTORY**

<b>BALLAST</b>	<b>Id</b>	<b>Kind</b>	<b>Description</b>	<b>Weight</b>	<b>LCG</b>	<b>VCG</b>	<b>TCG</b>
	A		Fixed 4 pani pb	58	1.25	0.02	
			<i>Fixed Ballast Total</i>	<b>58</b>			
<b>OTHER ITEMS</b>	<b>Id</b>	<b>Kind</b>	<b>Description</b>	<b>Weight</b>	<b>LCG</b>	<b>VCG</b>	
	1		Miscellaneous motore fuoribordo	13	4.40	0.10	
			<i>Total deductible</i>	<b>0</b>			



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**MAINSAIL**

<i><b>Id</b></i>	<i><b>MHB</b></i>	<i><b>MUW</b></i>	<i><b>MTW</b></i>	<i><b>MHW</b></i>	<i><b>MQW</b></i>	<i><b>Area</b></i>	<i><b>Meas.Date</b></i>	<i><b>Comment</b></i>
A	0.13	0.63	1.16	2.03	2.67	15.37	07/03/2018	

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**HEADSAIL**

<i><b>Id</b></i>	<i><b>HHB</b></i>	<i><b>HUW</b></i>	<i><b>HTW</b></i>	<i><b>HHW</b></i>	<i><b>HQW</b></i>	<i><b>HLP</b></i>	<i><b>HLU</b></i>	<i><b>Btn</b></i>	<i><b>Flying FT</b></i>	<i><b>Area</b></i>	<i><b>Meas.Date</b></i>	<i><b>Comment</b></i>
A	0.06	0.45	0.86	1.71	2.58	3.45	7.10	No	No	12.25	10/07/2019	
B	0.06	0.46	0.86	1.68	2.56	3.45	7.13	No	No	12.23	10/07/2019	

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**SYMMETRIC SPINNAKER**

<i><b>Id</b></i>	<i><b>SLU</b></i>	<i><b>SLE</b></i>	<i><b>SL</b></i>	<i><b>SHW</b></i>	<i><b>SFL</b></i>	<i><b>Area</b></i>	<i><b>Meas.Date</b></i>	<i><b>Comment</b></i>
N	7.36	7.36	7.36	4.74	4.63	28.94	10/07/2019	